

## UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG \_\_\_\_\_ ELECTRIC LOGS \_\_\_\_\_ FILE X WATER SANDS \_\_\_\_\_ LOCATION INSPECTED GAS SUB. REPORT/abd. \_\_\_\_\_DATE FILED 11-24-82

LAND: FEE &amp; PATENTED

STATE LEASE NO.

PUBLIC LEASE NO.

U-02279-A

INDIAN

DRILLING APPROVED: N.B.U. # 91 12-7-82

SPUDDED IN:

COMPLETED:

PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR.

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION: 5264' GRDATE ABANDONED: LA 6-19-84 APD RescindedFIELD: NATURAL BUTTES 3/86

UNIT:

COUNTY: UINTAHWELL NO. N.B.U. # 91API NO. 43-047-31290

LOCATION

2091FT. FROM X (S) LINE.1916FT. FROM XX (W) LINE.NE SW1/4 - 1/4 SEC 22

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
<u>10S</u>	<u>21E</u>	<u>22</u>	<u>COASTAL OIL &amp; GAS</u>				

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Coastal Oil &amp; Gas Corporation

## 3. ADDRESS OF OPERATOR

P. O. Box 749, Denver, CO 80201

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)

At surface

2091' FSL/1916' FWL NE SW

At proposed prod. zone

Same

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approximately 15 miles SE of Ouray, Utah

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT. 1916'

(Also to nearest drig. unit line, if any)

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT. 2091'

## 16. NO. OF ACRES IN LEASE

1040.00

## 19. PROPOSED DEPTH

5500' Wasatch

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5264' Ungr. Gr.

## 22. APPROX. DATE WORK WILL START\*

March, 1983

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9-5/8"	36#	200'	125 sx
7-7/8"	5 1/2"	17#	5500'	Circulate cmt to surface to properly isolate the hydrocarbon bearing zones, the oil shale & shallow ground water.

Fresh water aquifers will be protected when the long  
string is run and cement is circulated back to the  
surface. Please see the attached supplemental information:

- 1) Survey Plat
- 2) Cut & Fill
- 3) 13 Point Program

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 12-7-82

BY: *[Signature]*

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

*[Signature]*  
H. E. Aab

TITLE District Drilling Manager

DATE 11/24/82

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

**X = Section Corners Located**

COASTAL OIL & GAS CORPORATION

13 Point Surface Use Plan

for

Well Location

N.B.U. #91

Located In

Section 22, T10S, R21E, S.L.B. & M.

Uintah County, Utah

1. EXISTING ROADS

See attached Topographic Maps "A" & "B".

To reach COASTAL OIL & GAS CORPORATION, well location site N.B.U. #91 located in the NE 1/4 SW 1/4 Section 22, T10S, R21E, S.L.B. & M., Uintah County, Utah:

Proceed Westerly out of Vernal, Utah along U.S. Highway 40 - 14 miles to the junction of this road and Utah State Highway 209; proceed South along Utah State Highway 209 - 7 miles more or less to the junction of this Highway and the Utah State Highway 88; proceed Southerly on Highway 88 - 10 miles to Ouray, Utah; proceed along South on a county road known as the Seep Ridge Road 11.4 miles to its junction with the Bitter Creek gas field service road to the East; proceed in a Easterly direction along this road 5.3 miles to the junction of this road and an existing road to the South, proceed Southerly along this road 0.9 miles to its junction with the proposed access road (to be discussed in Item #2).

The highways mentioned above are bituminous surfaced roads to Ouray, Utah and are maintained by State road crews.

The county road known as the Seep Ridge Road is surfaced with native asphalt for  $\pm$  4 miles and is then a gravel surface road. The above described county road is maintained by county road crews and will require no further maintenance. The dirt gas field roads described above are dirt surfaced road that were built out of the native materials of the area which were accumulated during their construction. These materials consist of light brown sandy clay materials with some poorly graded gravels. These gas field roads will be maintained by COASTAL OIL & GAS CORPORATION or its sub-contractors, this maintenance will consist of some minor grader work to smooth road grades and for snow removal.

There is no anticipated construction on any portion of the above described roads. They will meet the necessary standards required to facilitate an orderly flow of traffic during the drilling phase, completion phase, and production phase of this well at such time that production is established.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The proposed access road leaves the existing road described in Item #1 in the NW 1/4 SE 1/4 Section 22, T10S, R21E, S.L.B. & M., and proceeds in a Westerly direction 0.4 miles to the proposed location site.

The grade along this road will be relatively level, the maximum grade along this road will not exceed 8%. The vegetation along this road consists of sagebrush and grasses with large areas devoid of an vegetation.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

The road will be centerline flagged prior to the commencement of construction. This road will be constructed out of the native materials which will be accumulated during its construction.

It is not anticipated at this time that there will be any turnouts required along this road, however, if at the time of the onsite inspection, it is determined that it is necessary, then it will be constructed according to the specifications for turnout installation in the Oil & Gas Surface Operation Manual.

It is anticipated that there may be one culvert required along this road as it crosses one drainage of some consequence. This culvert will be placed according to specification for culvert placement found in the Oil and Gas Surface Operations Manual.

There are no fences encountered along this access road, there will be no gates or cattleguards required.

### 3. EXISTING WELLS

There are approximately 5 existing producing gas wells within a one mile radius of this location site. See Topographic Map "B" for the location of these wells relative to the proposed location site.

There are no water wells, abandoned wells, temporarily abandoned wells, disposal wells, drilling wells, shut-in wells, injection wells, monitoring or observation wells for other resources located within a one-mile radius of this location site.

### 4. LOCATION OF EXISTING AND PROPOSED FACILITIES

At the present time there are no known existing facilities belonging to COASTAL OIL & GAS CORPORATION within a one-mile radius of this location site.

In the event that production is established at this location the production will be contained within the location site until a gas line can be run from this location to existing lines in the area. The exact location of this line is not known at this time. Detailed plans for this line will be submitted to the appropriate agencies before construction begins, showing the approximate final location of the facilities.

All areas used to contain these production facilities will be built out of the native materials accumulated during their construction. These facilities will be constructed using graders, bulldozers, and workman crews to construct and place the proposed facilities.

The proposed gas flow line will be an 18' right-of-way.

If there is any deviation from the above, all appropriate agencies will be notified.

5. LOCATION AND TYPE OF WATER SUPPLY

Water to be used for the drilling and production of this well will be hauled by truck from the White River at a point in the SW 1/4 NW 1/4 Section 4, T9S, R20E, S.L.B. & M. 17.9 miles over the roads described in Items #1 and #2.

In the event the above source cannot be improvised other arrangements will be made and all concerned agencies will be notified. All permits and necessary requirements will be strictly adhered to.

There will be no water well drilled at this location site.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. No additional road gravels or pit lining material from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

The native materials that will be used in the construction of this location site and access road will consist of a sandy-clay soil and sandstone and shale materials gathered in actual construction of the road and location.

7. METHODS OF HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve pit shall be constructed.

The reserve pit will be 8' deep and at least half of the depth of the reserve pit shall be below the existing ground surface.

One-half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable material such as cuttings, salts, drilling fluids, chemicals, produced fluids, etc.

If deemed necessary by the agencies concerned, to prevent contamination to surrounding areas, the reserve pit will be lined with a gel.

The pits will have wire and overhead flagging installed at such time as deemed necessary to protect the water fowl, wildlife, and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time the drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and reclamation activities are attempted.

When the reserve pit dries and the reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements of Item #10 will be followed.

A portable trash basket will be placed on the location site and all trash will be hauled to the nearest Sanitary Landfill.

A portable chemical toilet will be supplied for human waste.

#### 8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

#### 9. WELL SITE LAYOUT

See attached location layout sheet.

The B.L.M. Representative shall be notified before any construction begins on the proposed location site and road.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

#### 10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See location layout sheet and Item #9). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during the construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash basket shall be hauled to the nearest sanitary landfill.

Restoration activities shall begin within 90 days after completion of the well. Once Restoration activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. Representative when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.



11. OTHER INFORMATION

The Topography of the General Area - (See Topographic Map "A")

The area is a large basin formed by the Uinta Mountains to the North and the Book Cliff Mountains to the South. The White River is located approximately 7.5 miles to the North of the location site.

The majority of the washes and streams in the area are non-perennial in nature with the only ones in the area having a year round flow being the White River and Green River to the North and Willow Creek to the West, of which the numerous washes, draws and non-perennial streams are tributaries to.

The majority of the surrounding drainages are of a non-perennial nature with normal flow limited to the early spring and extremely rare heavy thunderstorms, or rainstorms of high intensity that lasts over an extended period of time and are extremely rare in nature as the normal annual precipitation is only 8".

All drainages in the immediate area are non-perennial streams and flow to the North and are tributaries to the White River.

The soils of this semi-arid area are of the Uinta Formation and Duchesne River Formation (the Fluvial Sandstone and Mudstone) from the Eocene Epoch and Quaternary Epoch (gravels surfaces) and the visible geologic structure consists of light brownish-gray clays (OL) to sandy soils (SM-ML) with poor gravels and shales with outcrops of rock (sandstone, mudstone, conglomerates and shales).

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegetation that is found in the area are common of the semi-arid region we are located in and in the lower elevations of the Uintah Basin. It consists of, as primary flow areas of sagebrush, rabbitbrush, some grasses, and cacti and large areas of bare soils devoid of any growth in the areas away from and in the vicinity of non-perennial streams and along the areas that are formed along the edges of perennial streams, cottonwood, willows, tamarack sagebrush, rabbitbrush, grasses and cacti can be found.

The fauna of the area is sparse and consists predominantly of the mule deer, coyotes, pronghorn antelope, rabbits, and varieties of small ground squirrels and other types of rodents, and various reptiles common to this area.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The area is used by man for the primary purpose of grazing domestic livestock.

The Topography of the Immediate Area - (See Topographic Map "B").

N.B.U. #91 is located on a relatively flat area approximately 2 miles West of Sand Wash and 2.0 miles East of Cottonwood Wash. Both of which drain to the North into the White River.

COASTAL OIL & GAS CORPORATION  
N.B.U. #91  
Section 22, T10S, R21E, S.L.B. & M.

The geologic structure of the location is of the Uinta Formation and consists of light brownish-gray clay (SP-PL) with some sandstone outcrops.

The ground slopes through this location site from the Southwest through the site to the Northeast at approximately a 2.5% grade.

The location is covered with some sagebrush and grasses.

The total surface ownership affected by this location is administered by the B.L.M..

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

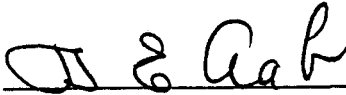
COASTAL OIL & GAS CORPORATION  
P.O. Box 749  
Denver, CO. 80201

1-303-572-1121

13. CERTIFICATION

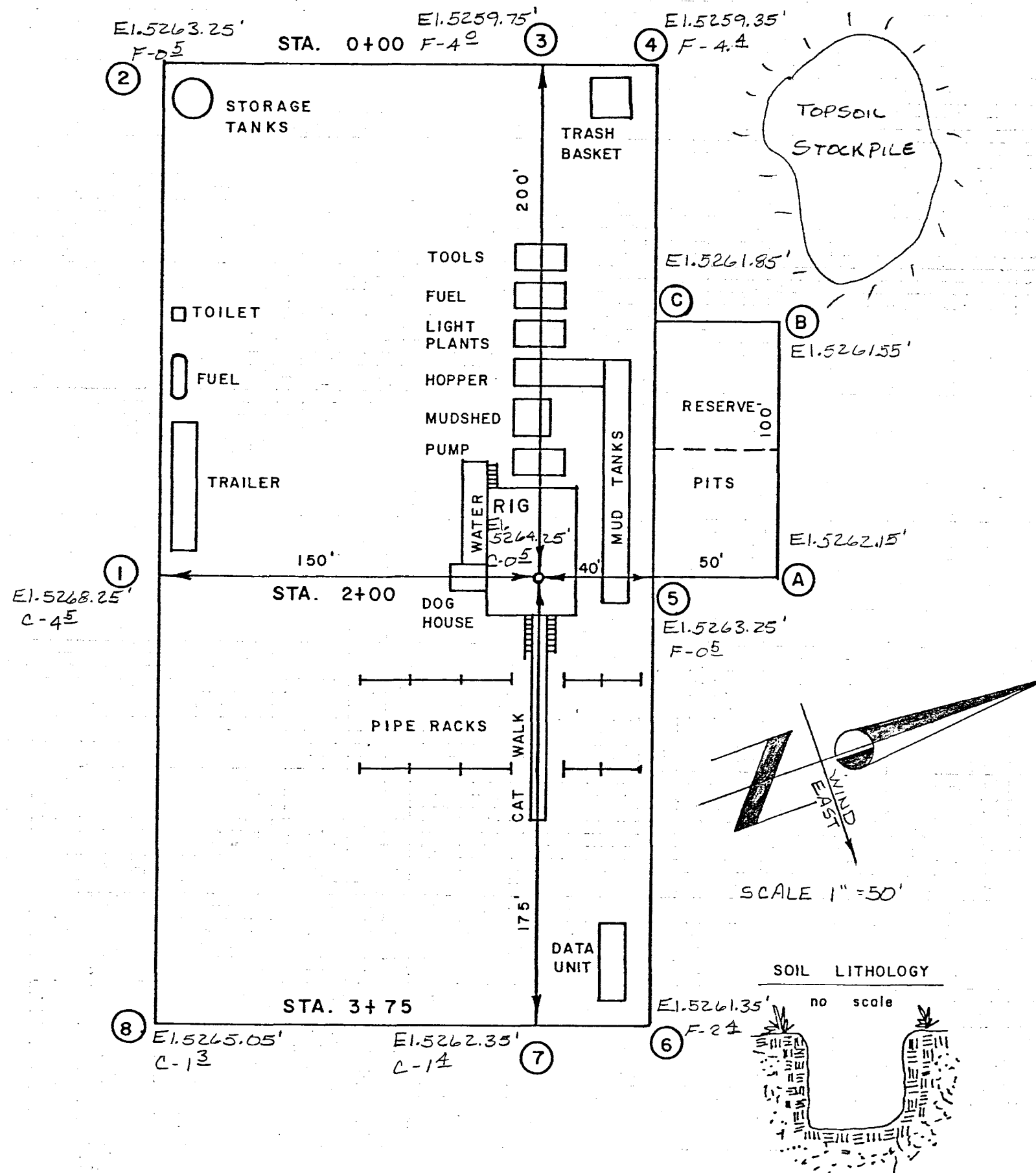
I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge true and correct; and that the work associated with the operation proposed herein will be performed by COASTAL OIL & GAS CORPORATION and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

11/24/82  
Date

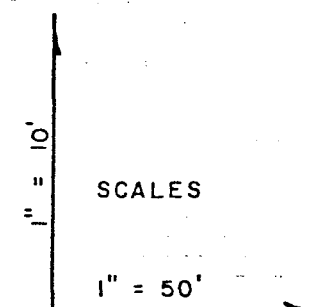
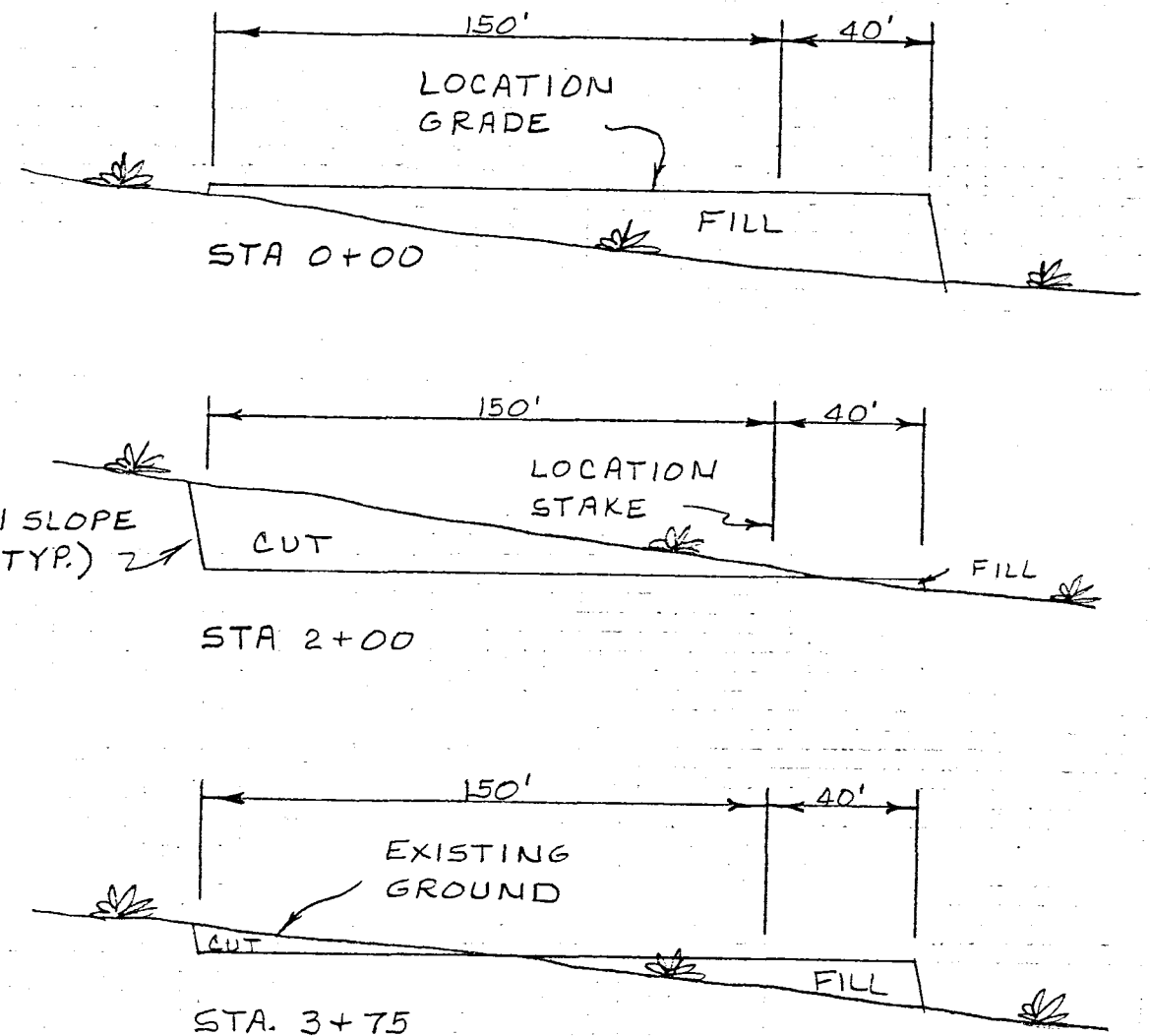
  
H. E. Aab  
District Drilling Manager

# COASTAL OIL & GAS CORP.

## NBU. # 91



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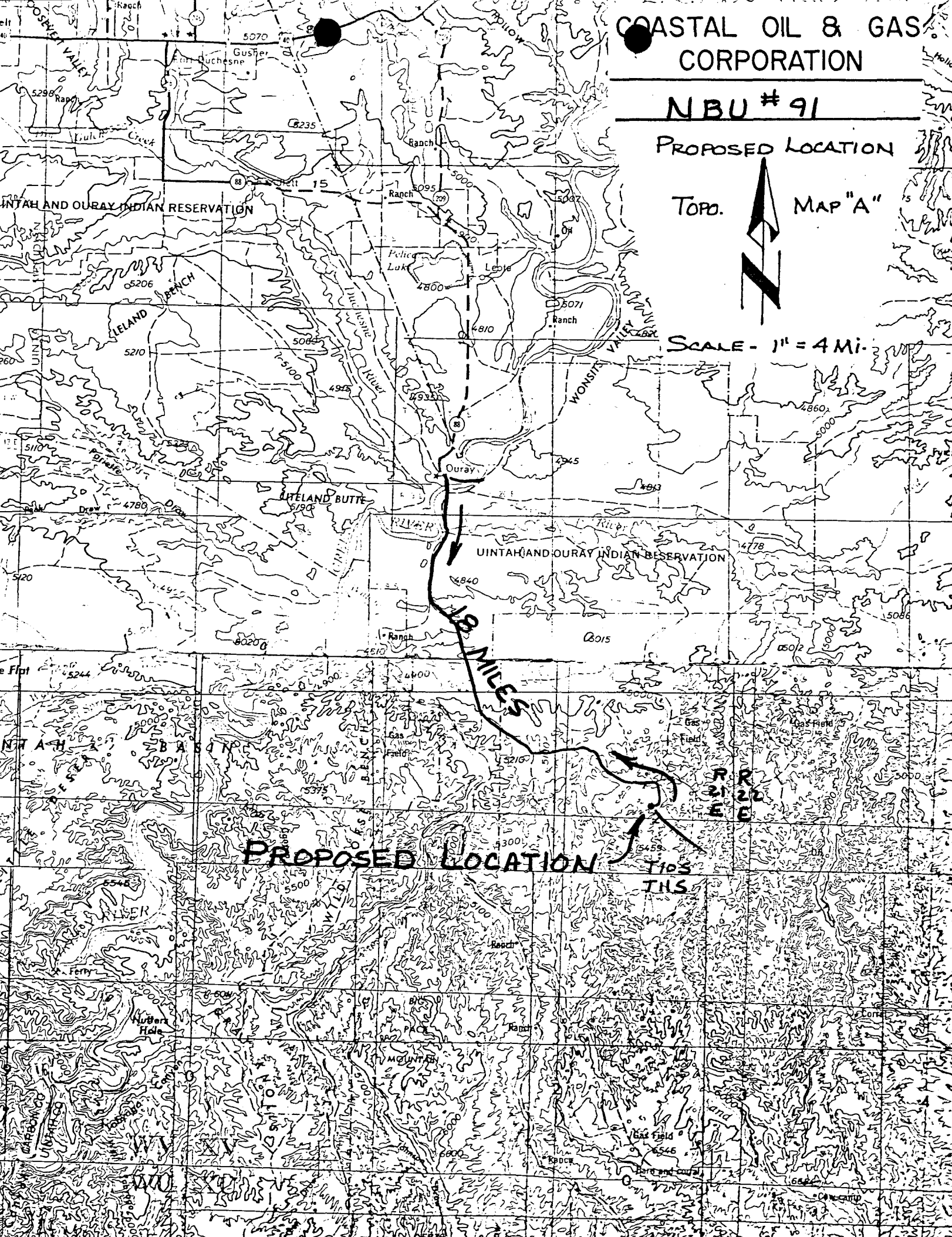


APPROXIMATE YARDAGES

CU. YDS. CUT - 2866

CU. YDS. FILL - 2377

SCALE - 1" = 4 Mi.



COASTAL OIL & GAS  
CORPORATION

NBU # 91

PROPOSED LOCATION

TOPO.

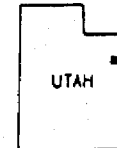
MAP "B"

SCALE - 1" = 2000'

ROAD CLASSIFICATION

Light-duty road, all weather,  
improved surface

Unimproved road, fair or dry  
weather

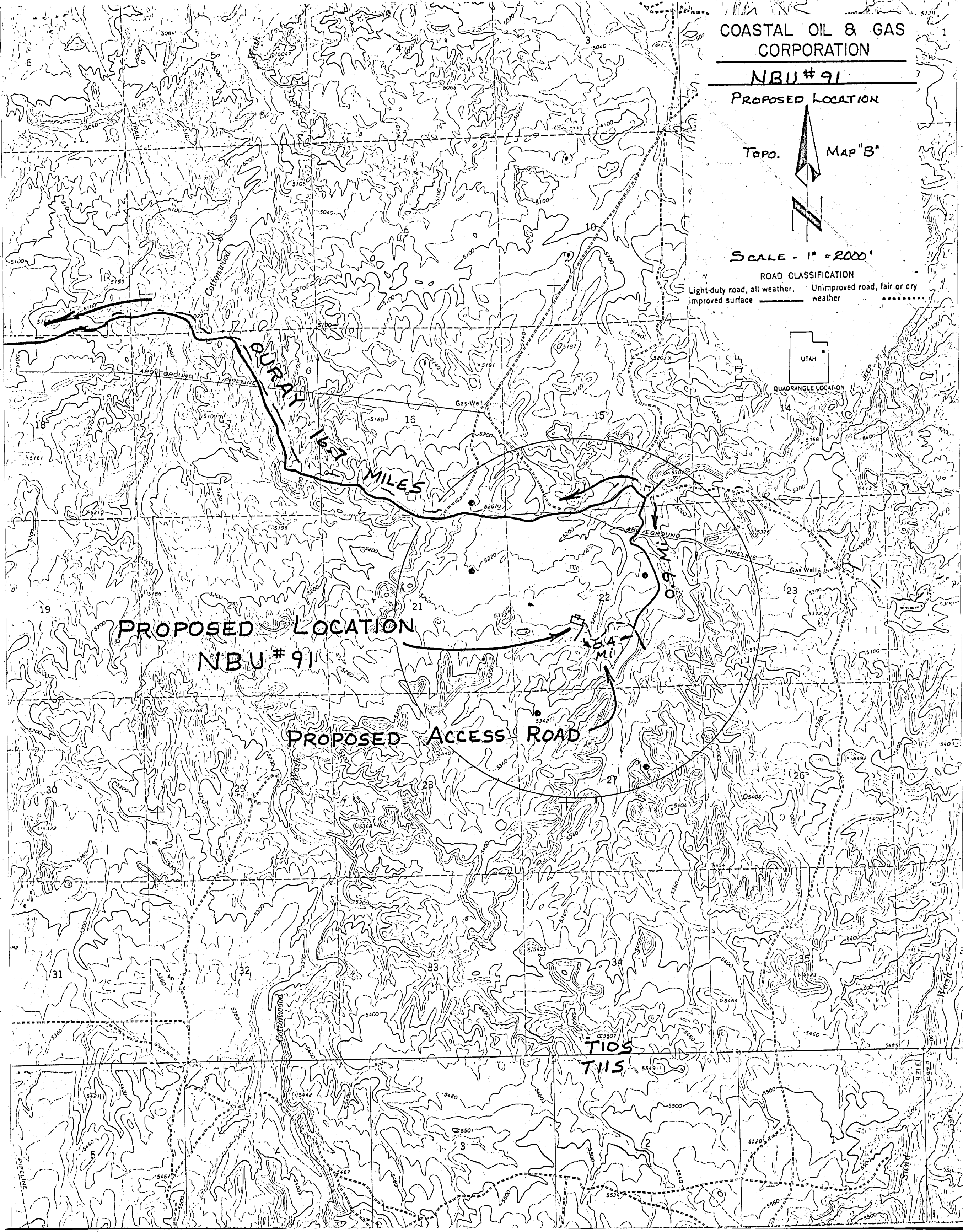


QUADRANGLE LOCATION

PROPOSED LOCATION  
NBU # 91

PROPOSED ACCESS ROAD

T105  
T115



OPERATOR Coastal Oil & Gas DATE 11-30-82

WELL NAME Natural Buttes Unit #91

SEC NESW 22 T 10S R 21E COUNTY Hunt

43-047-31290  
API NUMBER

Fed.  
TYPE OF LEASE

POSTING CHECK OFF:

☐

INDEX

☐

HL

☐☐

NID

☐

PI

☐☐

MAP

☐☐

PROCESSING COMMENTS:

*RJF* ✓

APPROVAL LETTER:

SPACING:

☒

A-3 NATURAL BUTTES  
UNIT

☐

c-3-a

CAUSE NO. & DATE

☐

c-3-b

☐

c-3-c

SPECIAL LANGUAGE:



☒ RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

☒ AUTHENTICATE LEASE AND OPERATOR INFORMATION

☒ VERIFY ADEQUATE AND PROPER BONDING *FCI*

☒ AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

☒ APPLY SPACING CONSIDERATION

☐ ORDER \_\_\_\_\_

☒ UNIT NATURAL BUTTES

☐ c-3-b

☐ c-3-c

☐ OUTSTANDING OR OVERDUE REPORTS FOR OTHER WELLS OF THE OPERATOR.

*Waiting for 2<sup>nd</sup> notice completion report  
for NW 1/4 #62*

*[Signature]*  
11-30

December 7, 1982

Coastal Oil & Gas Corporation  
P. O. Box 749  
Denver, Colorado 80201

RE: Well No. Natural Buttes Unit #91  
NESW Sec. 22, T.10S, R.21E  
Uintah County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

RONALD J. FIRTH - Engineer  
Office: 533-5771  
Home: 571-6068

OR

CLEON B. FEIGHT - Director  
Office: 533-5771  
Home: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-31290.

Sincerely,

Norman C. Stout  
Administrative Assistant

NCS/as  
cc: MMS  
Enclosure



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other ☐  
2. NAME OF OPERATOR  
Coastal Oil & Gas Corporation  
3. ADDRESS OF OPERATOR  
P.O. Box 749, Denver, CO 80201  
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 2091' FSL/1916' FWL NE/SW  
AT TOP PROD INTERVAL: Same  
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO-		SUBSEQUENT REPORT OF.
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) <u>Proposed Gas Well Production Hookup</u>		

5. LEASE  
U-02279-A  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A  
7. UNIT AGREEMENT NAME  
Natural Buttes Unit  
8. FARM OR LEASE NAME  
Natural Buttes Unit  
9. WELL NO.  
Natural Buttes Unit #91  
10. FIELD OR WILDCAT NAME  
Natural Buttes Field  
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 22-T10S-R21E  
12. COUNTY OR PARISH  
Utah  
13. STATE  
Utah  
14. API NO.  
43-047-31290  
15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5264' Ungr. Ground

(NOTE. Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Supplement to Application for Permit to Drill

- 1) Proposed Gas Well Production Hookup
  - a) Typical Well Head Installation
  - b) Typical Main Lines and Pipe Anchor Detail
- 2) Proposed Pipeline Map
- 3) Proposed Road and Flow Line and Pipeline right of way

Subsurface Safety Valve. Manu and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED H. E. Aab TITLE District Dir. & Mgr DATE 1/3/83

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL IF ANY

Statement for permit to lay flow line, to be included with application for Drilling Permit:

Upon approval of all concerned regulatory agencies, CIG proposes to install a surface flow line from NBU 91 in a (or an) easterly direction through the SW/4 of Section 22 connecting to Line F135-4" in the SE/4 of Section 22, all in 10S-21E. The line will be approximately 1,000' long, as shown on the attached sketches.

Pipe will be 4-1/2" O.D. x .237" W.T., Grade X-42 EW. It will be butt-welded in place, using portable electric welding machines, and will be laid aboveground except where burial is necessary for road crossing, ditches, or other obstructions. Magnesium anodes will be installed at the dehydrator, meter setting, road crossings, underground piping at stream crossings, and at producer's separator for corrosion protection.

CIG will connect to producer's separator and install dehydration and metering facilities within 100' of the connection.

Some damage will be incurred by trucks transporting pipe and welding equipment over the pipeline route, but surface disturbance will be held to a minimum.

# ESTIMATE SKETCH

DATE: 12-10-82  
STARTING DATE: \_\_\_\_\_  
EST. COMP. DATE: \_\_\_\_\_  
☐ COMPANY ☒ CONTRACT

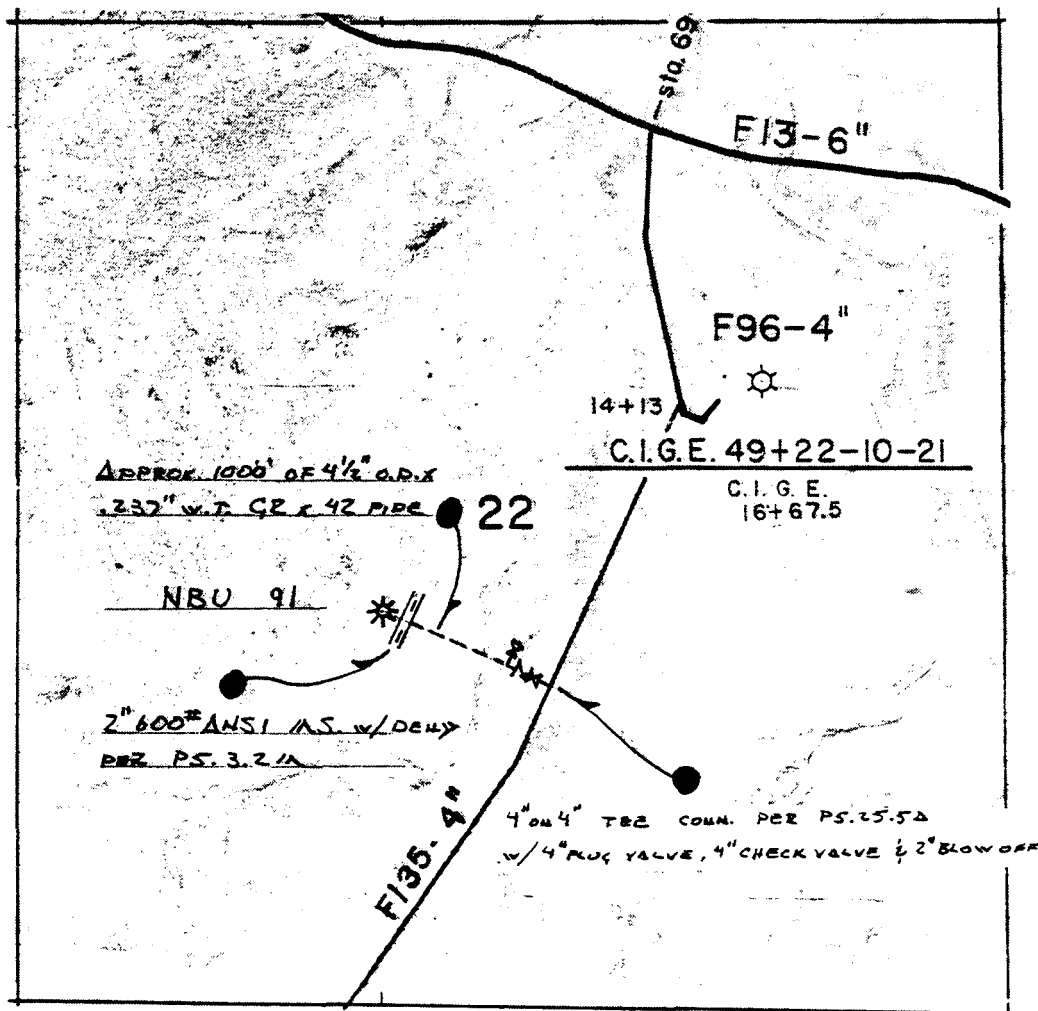
☒ COLORADO INTERSTATE GAS COMPANY  
☐ \_\_\_\_\_

W O NO.: \_\_\_\_\_  
REVISION NO.: \_\_\_\_\_  
BUDGET NO.: \_\_\_\_\_  
RELATED DWG.: 115FU-1E-1

LOCATION: 1916' FWL - 2091' ESL 22-103-21E COUNTY: UINTAH STATE: UTAH  
DESCRIPTION OF WORK: CONNECT NBU 91  
COGC  
NATURAL BUTTES FIELD

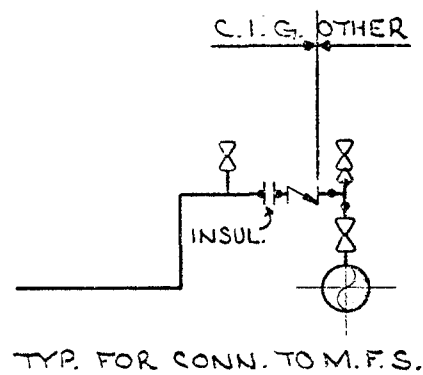
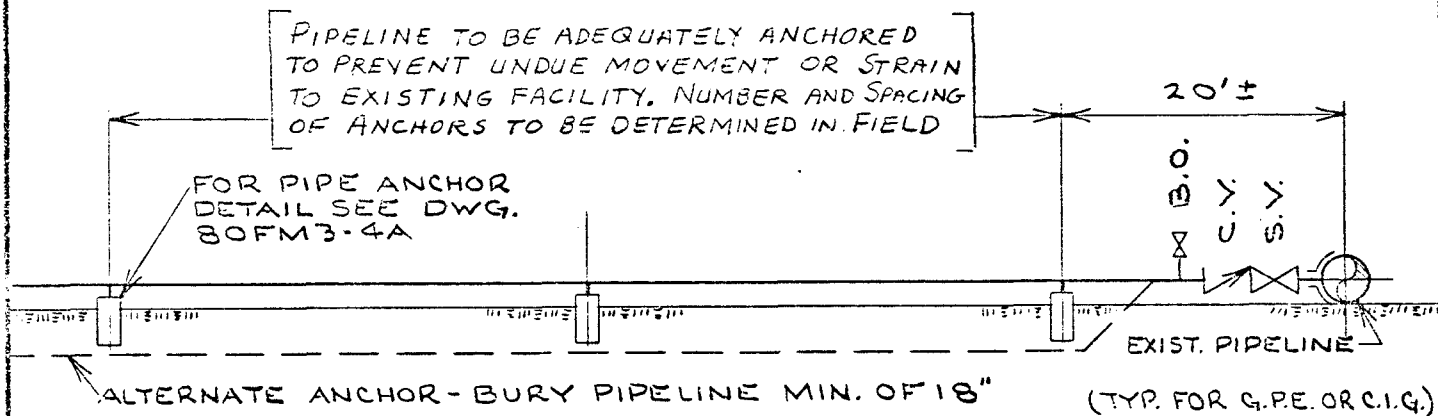
REQUESTED BY: \_\_\_\_\_ APPROXIMATE MILEAGE: \_\_\_\_\_ PROJECT ENGINEER: JFK

RANGE: 21E



TOWNSHIP: 10S

PREPARED BY: JCA SCALE (IF ANY): 1" = 1,000'



Colorado Interstate Gas Co.  
COLORADO SPRINGS, COLORADO

TYPICAL CONNECTION TO MAIN  
LINES AND PIPE ANCHOR  
DETAIL - NATURAL BUTTES FIELD

UINTA COUNTY, UTAH

1. 2385B REVISE STARTING POINT 8-27-77 RWP

C.O. NO. DESCRIPTION DATE BY CHK. APPR.

REVISIONS

SCALE: NONE DRAWN RWP APP. AM

DATE 7-7-77 CHECK C.O. 2385B

115FP-1 1/8



Coastal Oil & Gas Corporation

Cari Furse  
Page Two  
May 4, 1983

All the locations listed below have been planned to be drilled in 1983.  
If they expire, we understand we must submit a new APD to be approved.

NBU #90  
NE NW Section 28-T9S-R21E  
Uintah County, Utah  
Federal Lease

NBU #89  
SW NW Section 11-T9S-R21E  
Uintah County, Utah  
Ute Tribal Surface

NBU #91  
NE SW Section 22-T10S-R21E  
Uintah County, UT  
Federal Lease

NBU #95  
NE SW Section 10-T10S-R21E  
Uintah County, Utah  
Federal Lease

NBU #96  
SW NW Section 11-T10S-R22E  
Uintah County, Utah  
State Lease

NBU #92  
NW NW Section 34-T9S-R21E  
Uintah County, Utah  
State Lease

NBU #93  
SW SE Section 33-T9S-R22E  
Uintah County, Utah  
Federal Lease

NBU #94  
NE NW Section 10-T10S-R21E  
Uintah County, Utah  
Federal Lease

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
OIL & GAS OPERATIONS  
RECEIVED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL  
OIL WELL ☐ GAS WELL ☒ OTHER ☐

2. NAME OF OPERATOR  
Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR  
P. O. Box 749, Denver, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface 2091' FSL/1916' FWL NE SW  
At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
Approximately 15 miles SE of Ouray, Utah

10. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1916'

16. NO. OF ACRES IN LEASE 1040.00

17. NO. OF ACRES ASSIGNED TO THIS WELL 160

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2091'

19. PROPOSED DEPTH 5500' Wasatch

20. ROTARY OR CABLE TOOLS Rotary

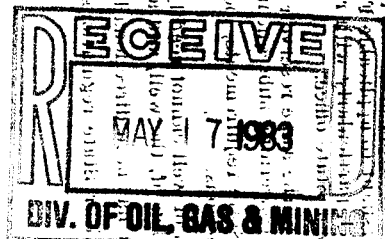
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5264' Ungr. Gr.

22. APPROX. DATE WORK WILL START\* March, 1983

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9-5/8"	36#	200'	125 sx
7-7/8"	5 1/2"	17#	5500'	Circulate cement to surface to properly isolate the hydrocarbon bearing zones, the oil shale & shallow ground water

Fresh water aquifers will be protected when the long string is run and cement is circulated back to the surface. Please see the attached supplemental information:

- 1) Survey Plat
- 2) Cut & Fill
- 3) 13 Point Program
- 4) 10-Point Program
- 5) BOP Schematic



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED H. E. Aab TITLE District Drilling Manager DATE 11/24/82  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY E. W. Guynn TITLE District Oil & Gas Supervisor DATE MAY 11 1983  
CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPY

\*See Instructions On Reverse Side

FLARING OR VENTING OF  
GAS IS SUBJECT TO NTL 4-A  
DATED 1/1/80

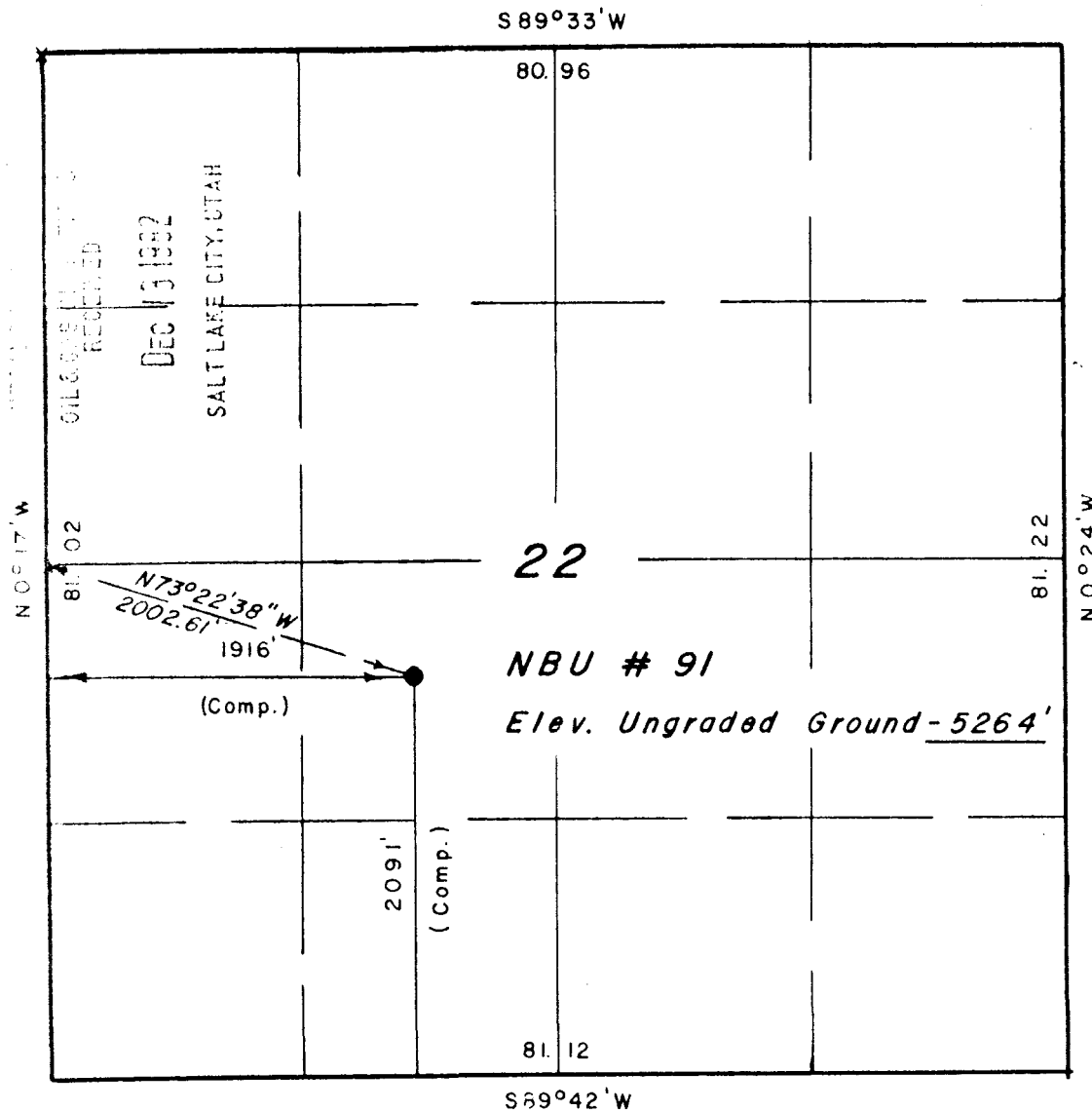
State O&G

T 10 S, R 21 E, S.L.B. & M.

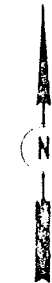
PROJECT

COASTAL OIL &amp; GAS CORP.

Well location, *NBU # 91*, located as shown in the NE1/4 SW1/4 Section 22, T10S, R21E, S.L.B.&M. Uintah County, Utah.



X = Section Corners Located



C E R T I F I C A T E

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO 3154  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
P. O. BOX Q - 85 SOUTH - 200 EAST  
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 11/ 10 / 82
PARTY R.K. J.F. SB.	REFERENCES GLO Plot
WEATHER Cold	FILE COASTAL OIL & GAS

Coastal Oil and Gas Corporation  
Well No. NBU 91  
Section 22, T. 10 S., R. 21 E.  
Uintah County, Utah  
Natural Buttes Unit  
Lease U-02278-A

#### Supplemental Stipulations

1. Traveling off access road right-of-ways will not be allowed. The maximum width of access pads (both existing and planned) will be 30 feet total disturbed area. Roads will be crowned and properly maintained. Turn-outs will not be required. Bar ditches will be installed where necessary.
- 2) Burn pits will not be constructed. There will be no burning or burying of trash or garbage at the well site. Refuse must be contained in trash cages and hauled to an approved disposal site.
- 3) A wire mesh or net type of fence, topped with at least one strand of barbed wire, will be used around the reserve pits.
- 4) The BLM will be contacted at least 24 hours prior to any rehabilitation activities. The operator may be informed of any additional needed seeding requirements.
- 5) The dimension for the reserve pit was changed from 50' X 100' to 90' X 110'.
- 6) The top four-six inches of topsoil will be stockpiled between reference corners No. 2 and No. 8.
- 7) The pipeline routes for all locations were inspected and accepted. As they are all surface lines, no surface disturbance will be allowed.
- 8) All permanent (onsite for six (6) months duration or longer) structures constructed or installed, including the pumpjack and covering over tank insulation, shall be painted a flat, non-reflective, earth tone color to match Tnemec 23-08351 Mesa Brown Enduratone or an approved equal. All facilities shall be painted within six (6) months of when the production facilities are put in place. Facilities that are required to comply with O.S.H.A. (Occupational Safety and Health Act) standards are excluded.
- 9) Choice of color stipulation may vary depending on location.
- 10) Adequate and sufficient electric/radioactive logs will be run to locate and identify the prime oil shale horizons and saline minerals in the Green River formation. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the oil shale and saline minerals resources. Surface casing program may require adjustment for protection of fresh water aquifers.



## ADDITIONAL STIPULATIONS FOR PRODUCTION FACILITIES

Your Application for Permit to Drill also included a submittal for production facilities. These production facilities are approved for the lessee and his designated operator under Section 1 of the Oil and Gas Lease with the following conditions:

- (1) The oil and gas measurement facilities must be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy are to be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. Please provide this office with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports are to be submitted to the Salt Lake City District Oil and Gas Supervisor. Royalty payments will be made on all production volume as determined by the meter measurements or the tank measurements. All measurement facilities must conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.
- (2) Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs must be housed and/or fenced.
- (3) All disturbed areas not required for operations will be rehabilitated.
- (4) All produced liquids must be contained including the dehydrator vent/condensate line effluent. All production pits must be fenced.
- (5) The well activity, the well status and the date the well is placed on production must be reported on Lessee's Monthly Report of Operations, Form 9-329.
- (6) All off-lease storage, off-lease measurement, or commingling on lease or off-lease must have written approval.
- (7) All product lines entering and leaving hydrocarbon storage tanks must be locked/sealed.
- (8) You are reminded of the requirements for handling, storing, or disposing of water produced from oil and gas wells under NTL-2B.
- (9) All materials, trash, junk, debris, etc. not required for production must be removed from the well site and production facility site at the completion of these operations.
- (10) A copy of the Gas Sales Contract will be provided to this office and the Royalty Accounting Department as directed.
- (11) Construction and maintenance for surface use approved under this plan should be in accordance with the surface use standards as set forth in the BLM/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development." This includes, but is not limited to, such items as road construction and maintenance, handling of top soil and rehabilitation.
- (12) "Sundry Notice and Reports on Wells" (form 9-331) will be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained verbally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alternations of facilities, including roads, gathering lines, batteries, measurement facilities, etc., will require the filing of a suitable plan and prior approval by the survey.



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

May 30, 1984

Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, Utah 84078

Attention Ms. Benna Muth

Dear Ms. Muth:

Enclosed is a list of Coastal Oil and Gas Corporation wells in the Natural Buttes Unit that were given State approval to drill over one year ago. We have received copies of federal approval as noted.

Please let me know what action, if any, the Bureau of Land Management is taking on these wells.

Thank you for all your cooperation in our effort to bring our files up to date.

Sincerely,

Claudia Jones  
Well Records Specialist

CJ/cj

cc: Dianne R. Nielson, DOGM  
John R. Baza, DOGM  
file

Well No. Natural Buttes Unit #104  
NW/SW Sec. 22, T. 9S., R. 21E.  
2041' FSL, 545' FWL  
Uintah County, Utah  
Lease #U-010950-A  
State Approval - April 28, 1983  
Federal Approval - No approval received by State

Well No. Natural Buttes Unit #102  
SE/NE Sec. 27, T. 9S., R. 21E.  
1686' FNL, 704' FEL  
Uintah County, Utah  
Lease #U-01194-A-ST  
State Approval - March 23, 1983  
Federal Approval - No approval received by State

Well No. Natural Buttes Unit #92  
NW/NW Sec. 34, T. 9S., R. 21E.  
285' FNL, 301' FWL  
Uintah County, Utah  
Lease #U-01194-A-ST  
State Approval - April 1, 1983  
Federal Approval - No approval received by State

Well No. Natural Buttes Unit #95  
NE/SW Sec. 10, T. 10S, R. 21E.  
1906' FSL, 1975' FWL  
Uintah County, Utah  
Lease #U-01416-A  
State Approval - December 7, 1982  
Federal Approval - May 11, 1983

Well No. Natural Buttes Unit #91  
NE/SW Sec. 22, T. 10S., R. 21E.  
2091' FSL, 1916' FWL  
Uintah County, Utah  
Lease #U-02278-A  
State Approval - December 7, 1982  
Federal Approval - May 11, 1983

Well No. Natural Buttes Unit #96  
SW/NW Sec. 11, T. 10S., R. 22E.  
1988' FNL, 431' FWL  
Uintah County, Utah  
Lease #U-01197-A  
State Approval - December 7, 1982  
Federal Approval - No approval received by State

3100  
U-810

June 8, 1984

Coastal Oil and Gas Corporation  
P.O. Box 749  
Denver, CO 80201

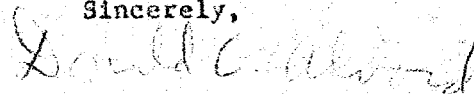
Re: Rescind Application for Permit to Drill  
Well No. NBU 91  
Section 22, T10S, R21E  
Uintah County, Utah  
Lease U-02278-A

Gentlemen:

The Application for Permit to Drill the referenced well was approved on May 11, 1983. Since that date, no known activity has transpired at the approved location. Under current District policy, applications for permit to drill are effective for a period of one year. In view of the foregoing, this office is rescinding the approval of the referenced application without prejudice. If you intend to drill at this location at a future date, a new application for permit to drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,



Donald C. Alvord  
Associate District Manager

cc: Well File  
State O & G  
SMA

*BMuth.ma*



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

June 19, 1984

Coastal Oil and Gas Corporation  
P.O. Box 749  
Denver, Colorado 80201

Gentlemen

SUBJECT: RESCIND APPLICATION WELL NO. N.B.U. #91

In concert with action taken by the Bureau of Land Management, June 8, 1984, approval to drill Well No. N.B.U. #91, API #43-047-31290, Sec. 22, T. 10S., R. 21E., Uintah County, Utah, is hereby rescinded without prejudice.

A new "Application for Permit to Drill" must be filed with this office, for approval, prior to future drilling of the subject location.

Sincerely

*John R. Baza*  
John R. Baza  
Petroleum Engineer

cj

cc Dianne R. Nielson  
Ronald J. Firth  
File